

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-29. (Canceled)

30. (Currently Amended) A portable apparatus for a health management comprising:
a display device having a pixel circuit, a driver circuit for driving the pixel circuit, and ~~an~~
~~integrated circuit~~ a controller including a microprocessor ~~connected with~~ for controlling the
driver circuit and an infrared light interface, which are formed between a pair of substrates;
a sealing material formed between the pair of substrates; and
a cordless sensor for measuring body temperature,
~~wherein the sensor is connected to the portable apparatus; and~~
wherein the cordless sensor is coupled to the infrared light interface through an infrared
signal, and
wherein the ~~integrated circuit~~ controller is entirely incorporated in the sealing material.

31. (Previously Presented) A portable apparatus according to claim 30, wherein the display device is a liquid crystal display device.

32. (Withdrawn) A portable apparatus according to claim 30, wherein the display device is an EL display device.

33. (Withdrawn) A portable apparatus according to claim 30, wherein the portable apparatus further comprises a blood pressure measurement.

34. (Withdrawn) A portable apparatus according to claim 30, wherein the portable apparatus further comprises a pulse rate measurement.

35. (Withdrawn) A portable apparatus for a health management comprising:
a display device having a pixel circuit, a driver circuit for driving the pixel circuit, and a controller for controlling the driver circuit, which are formed between a pair of substrates;
a sealing material formed between the substrates; and
a body temperature measurement connected to the controller by a lead out cable,
wherein the sealing material covers the controller.

36. (Withdrawn) A portable apparatus according to claim 35, wherein the display device is a liquid crystal display device.

37. (Withdrawn) A portable apparatus according to claim 35, wherein the display device is an EL display device.

38. (Withdrawn) A portable apparatus according to claim 35, wherein the portable apparatus further comprises a blood pressure measurement.

39. (Withdrawn) A portable apparatus according to claim 35, wherein the portable apparatus further comprises a pulse rate measurement.

40. (Currently Amended) A portable apparatus for a health management comprising:
a display device having a pixel circuit, a driver circuit for driving the pixel circuit, and a controller including a CPU for controlling the driver circuit and an infrared light interface, which are formed between a pair of substrates;
a sealing material formed between the pair of substrates; and
a cordless sensor for measuring body temperature,
~~wherein the sensor is connected to the portable apparatus; and~~
wherein the cordless sensor is coupled to the infrared light interface through an infrared signal, and
wherein the controller is entirely sealed by the liquid crystal material.

41. (Previously Presented) A portable apparatus according to claim 40, wherein the display device is a liquid crystal display device.

42. (Withdrawn) A portable apparatus according to claim 40, wherein the display device is an EL display device.

43. (Withdrawn) A portable apparatus according to claim 40, wherein the portable apparatus further comprises a blood pressure measurement.

44. (Withdrawn) A portable apparatus according to claim 40, wherein the portable apparatus further comprises a pulse rate measurement.

45. (Currently Amended) A portable apparatus for a health management comprising:
a first substrate;
a second substrate opposed to the first substrate;
an infrared light interface formed between the first substrate and the second substrate;
a liquid crystal material formed between the first substrate and the second substrate;
a sealing material formed between the first substrate and the second substrate;
a pixel region comprising a plurality of TFTs formed over the first substrate;
a driver circuit comprising a plurality of TFTs for driving the pixel region, formed over the first substrate;
a controller including a CPU for controlling the driver circuit formed over the first substrate; and
a cordless sensor for measuring body temperature,
~~wherein the sensor is connected to the portable apparatus; and~~
wherein the cordless sensor is coupled to the infrared light interface through an infrared signal, and
wherein the controller is entirely incorporated in the sealing material.

46. (Previously Presented) A portable apparatus according to claim 45, wherein the controller is connected to a body temperature measurement.

47. (Withdrawn) A portable apparatus according to claim 45, wherein the controller is connected to a blood pressure measurement.

48. (Withdrawn) A portable apparatus according to claim 45, wherein the controller is connected to a pulse rate measurement.

49. (Currently Amended) A portable apparatus for a health management comprising:
a first substrate;
a second substrate opposed to the first substrate;
an infrared light interface formed between the first substrate and the second substrate;
a liquid crystal material formed between the first substrate and the second substrate;
a sealing material formed between the first substrate and the second substrate;
a pixel region comprising a plurality of TFTs formed over the first substrate;
a driver circuit comprising a plurality of TFTs for driving the pixel region, formed over the first substrate;
a CPU comprising a plurality of TFTs formed over the first substrate; and
a cordless sensor for measuring body temperature,
wherein the cordless sensor is coupled to the infrared light interface through an infrared signal, and
wherein the CPU is entirely sealed by the liquid crystal material.

50. (Previously Presented) A portable apparatus according to claim 49, wherein the controller is connected to a body temperature measurement.

51. (Withdrawn) A portable apparatus according to claim 49, wherein the controller is connected to a blood pressure measurement.

52. (Withdrawn) A portable apparatus according to claim 49, wherein the controller is connected to a pulse rate measurement.

53. (Currently Amended) A portable apparatus for a health management comprising:
a pixel circuit provided between a pair of substrates;
a driver circuit for driving the pixel circuit, the driver circuit provided between the pair of substrates;

a cordless sensor for measuring body temperature;

an infrared light interface for coupling to the cordless sensor through an infrared signal;

a controller including a CPU for controlling the driver circuit and the infrared light interface, the controller provided between the pair of substrates;

a liquid crystal material formed between the pair of substrates; and

a sealing material formed between the pair of substrates,[[; and]]

~~a sensor for measuring body temperature,~~

~~wherein the sensor is connected to the portable apparatus; and~~

wherein the controller is entirely incorporated in the sealing material.

54. (Previously Presented) A portable apparatus according to claim 53 wherein the display device is a liquid crystal display device.

55. (Withdrawn) A portable apparatus according to claim 53 wherein the display device is an EL display device.

56. (Withdrawn) A portable apparatus according to claim 53 wherein the pixel circuit comprises a thin film transistor.

57. (Previously Presented) A portable apparatus according to claim 53 wherein the driver circuit comprises a thin film transistor.

58. (Currently Amended) An information system comprising:
a pixel circuit provided between a pair of substrates, the pixel circuit provided in a display section;
a driver circuit for driving the pixel circuit, the driver circuit provided between the pair of substrates;
a cordless sensor for measuring body temperature;
an infrared light interface for coupling to the cordless sensor through an infrared signal;
a controller including a CPU for controlling the driver circuit and the infrared light interface, the controller provided between the pair of substrates; and
a sealing material formed between the pair of substrates,[[; and]]
~~a sensor connected to the information system,~~
wherein the controller is entirely incorporated in the sealing material.

59. (Canceled)

60. (Previously Presented) An information system according to claim 58 wherein the pixel circuit comprises a thin film transistor.

61. (Previously Presented) An information system according to claim 58 wherein the driver circuit comprises a thin film transistor.

62. (Previously Presented) An information system according to claim 58 wherein the information system is used for health management.

63. (Withdrawn) An information system according to claim 58 wherein the sensor section measures a parameter selected from the group consisting of body temperature, a respiratory rate, blood pressure, and a pH value of saliva.

64. (Currently Amended) An information system comprising:
a pixel circuit provided over a substrate, the pixel circuit provided in a display section;
a driver circuit for driving the pixel circuit, the driver circuit provided over the substrate;
a cordless sensor for measuring body temperature;
an infrared light interface for coupling to the cordless sensor through an infrared signal;

and

a controller circuit including a CPU for controlling the driver circuit and the infrared light interface, the controller provided over the substrate,[[; and]]
~~a sensor section connected to the information system,~~
wherein the controller is entirely sealed by a liquid crystal material.

65. (Canceled)

66. (Previously Presented) An information system according to claim 64 wherein the pixel circuit comprises a thin film transistor.

67. (Previously Presented) An information system according to claim 64 wherein the driver circuit comprises a thin film transistor.

68. (Previously Presented) An information system according to claim 64 wherein the information system is used for health management.

69. (Withdrawn) An information system according to claim 64 wherein the sensor section measures a parameter selected from the group consisting of body temperature, a respiratory rate, blood pressure, and a pH value of saliva.

70. (Currently Amended) A portable apparatus according to claims 30, ~~wherein the sensor is connected to a main body of the portable apparatus in a cordless configuration.~~ wherein the cordless sensor is controlled by the controller.

71. (Currently Amended) A portable apparatus according to claims 40, ~~wherein the sensor is connected to a main body of the portable apparatus in a cordless configuration, and~~ wherein the cordless sensor is controlled by the controller.

72. (Currently Amended) A portable apparatus according to claims 45, ~~wherein the sensor is connected to a main body of the portable apparatus in a cordless configuration, and~~ wherein the cordless sensor is controlled by the controller.

73. (Currently Amended) A portable apparatus according to claims 49, ~~wherein the sensor is connected to a main body of the portable apparatus in a cordless configuration, and~~ wherein the cordless sensor is controlled by the controller.

74. (Currently Amended) A portable apparatus according to claims 53, ~~wherein the sensor is connected to a main body of the portable apparatus in a cordless configuration, and~~ wherein the cordless sensor is controlled by the controller.

75. (Currently Amended) A information system according to claims 58, ~~wherein the sensor is connected to a main body of the information system in a cordless configuration, and~~ wherein the cordless sensor is controlled by the controller.

76. (Currently Amended) A information system according to claims 64, ~~wherein the sensor is connected to a main body of the information system in a cordless configuration, and~~ wherein the cordless sensor is controlled by the controller.